

Signal Processing: Image Communication 15 (2000) 919-921



Author index of Volume 15

(The issue number is given in front of the page numbers)

Anarım, E., see Y. Yemez (9) 729-766

Antoszczyszyn, P.M., J.M. Hannah and P.M. Grant, A new approach to wire-frame tracking for semantic model-based moving image coding (6) 567-580

Arnold, J.F., see M.R. Frater (7-8) 631-641

Arnold, J.F., see M.R. Frater (10) 907-916

Astola, J., see M. Helsingius (6) 513-529

Atzori, L. and F.G.B. De Natale, Error concealment in video transmission over packet networks by a sketch-based approach (1-2) 57-76

Avaro, O., A. Eleftheriadis, C. Herpel, G. Rajan and L. Ward, MPEG-4 Systems: Overview (4-5) 281-298

Averbuch, A., M. Israeli and F. Meyer, Speed versus quality in low bit-rate still image compression (3) 231-254

Basso, A., G.L. Cash and M.R. Civanlar, Real-time MPEG-2 delivery based on RTP: Implementation issues (1-2) 165-178

Bertoglio, L., R. Leonardi and P. Migliorati, Intermedia synchronization for videoconference over IP (1-2) 149-164

Biemond, J., see R.L. Lagendijk (6) 531-544

Bologna G., G. Calvagno, G.A. Mian and R. Rinaldo, Wavelet packets and spatial adaptive intraband coding of images (10) 891-906

Bossen, F., see N. Brady (7-8) 601-617

Bovik, A.C., see J.I. Kim (7-8) 643-663

Boyce, J.M., Packet loss resilient transmission of MPEG video over the Internet (1-2) 7-24

Brady, N. and F. Bossen, Shape compression of moving objects using context-based arithmetic encoding (7-8) 601-617

Brandenburg, K., O. Kunz and **A. Sugiyama**, MPEG-4 natural audio coding (4-5) 423-444

Calvagno, G., see G. Bologna (10) 891-906

Cash, G.L., see A. Basso (1-2) 165-178

Cazuguel, G., see A. Czihó (6) 545-558

Chang, P.-R. and M.-J. Wu, A wavelet multiresolution compression technique for 3D stereoscopic image sequence based on mixed-resolution psychophysical experiments (9) 705-727

Chang, L.W., see C.Y. Wang (10) 879-890

Chen, Y., see H. Radha (1-2) 95-126

Cho, D.-S., see S.-H. Son (7-8) 619-629

Choe, Y., see T.K. Kim (10) 869-877

Chung, J., J. Lee, J. Moon and J. Kim, A new vertex-based binary shape coder for high coding efficiency (7-8) 665-684

Cierniak, R. and L. Rutkowski, On image compression by competitive neural networks and optimal linear predictors (6) 559-565

Civanlar, M.R., see A. Basso (1-2) 165-178

Civanlar, M.R., see A.M. Tekalp (1-2) 1-5

Civanlar, M.R., see A.M. Tekalp (3) 255-263

Côté, G. and F. Kossentini, Optimal intra coding of blocks for robust video communication over the Internet (1-2) 25-34

Cohen, R., see H. Radha (1-2) 95-126

Czihó, A., B. Solaiman, I. Loványi, G. Cazuguel and C. Roux, An optimization of finite-state vector quantization for image compression (6) 545-558

De Natale, F.G.B., see L. Atzori (1-2) 57-76

Diamantaras, K.I., M.G. Strintzis and I. Sarafidis, Optimal reconstruction from quantized data (9) 811-815

Ebrahimi, T. and C. Horne, MPEG-4 natural video coding - An overview (4-5) 365-385

Eleftheriadis, A., see O. Avaro (4-5) 281-298

Eleftheriadis, A., see C. Herpel (4-5) 299-320

Eleftheriadis, A., see J. Signès (4-5) 321-345

Evans, B.L., see J.I. Kim (7-8) 643-663

Fisher, Y., see J. Signès (4-5) 321-345

Franceschini, G., The delivery layer in MPEG-4 (4-5) 347-363

Frater, M.R. and J.F. Arnold, Coding of 12-bit video from thermal imaging systems (10) 907-916

Frater, M.R., W.S. Lee, M. Pickering and J.F. Arnold, Error concealment in video coding of arbitrarily shaped objects (7-8) 631-641

Frimout, E.D., see R.L. Lagendijk (6) 531-544

Gasull, A., see P. Nunes (7-8) 585-599

Girod, B., see U. Horn (1-2) 77-94

Grant, P.M., see P.M. Antoszczyszyn (6) 567-580

Guillemot, C., see F. Le Léannec (1-2) 35-56

0923-5965/00/\$-see front matter © 2000 Published by Elsevier Science B.V. All rights reserved PII: S0923-5965(00)00031-X

Hagenauer, J., see W. Xu (3) 217-229

Hannah, J.M., see P.M. Antoszczyszyn (6) 567-580

Helsingius, M., P. Kuosmanen and J. Astola, Image compression using multiple transforms (6) 513-529

Herpel, C. and A. Eleftheriadis, MPEG-4 Systems: Elementary stream management (4-5) 299-320

Herpel, C., see O. Avaro (4-5) 281-298

Hollmann, J., see W. Xu (3) 217-229

Horn, U., K. Stuhlmüller, M. Link and B. Girod, Robust internet video transmission based on scalable coding and unequal error protection (1-2) 77-94

Horne, C., see T. Ebrahimi (4-5) 365-385

Israeli, M., see A. Averbuch (3) 231-254

Izquierdo, E. and **J.-R. Ohm,** Image-based rendering and 3D modeling: A complete framework (10) 817-858

Jang, E.S., see S.-H. Son (7-8) 619-629 Jeong, J., see T.K. Kim (10) 869-877

Katsaggelos, A.K., see F.W. Meier (7-8) 685-701

Kim, T., B. Roh and J. Kim, An accurate bit-rate control for real-time MPEG video encoder (6) 479-492

Kim, J., see J. Chung (7-8) 665-684

Kim, J., see T. Kim (6) 479-492

Kim, J., see H. Song (1-2) 127-148

Kim, J.I., A.C. Bovik and **B.L. Evans,** Generalized predictive binary shape coding using polygon approximation (7-8) 643-663

Kim, J.-k., see K.-y. Yoo (3) 201-216

Kim, J.S., see S.S. Kim (3) 189-199

Kim, S.-D., see W.-J. Kim (3) 181-188

Kim, S.S., J.S. Kim and H.W. Park, Subblock sum matching algorithm for block-based interframe coding (3) 189-199

Kim, T.K., J.K. Paik, C.S. Won, Y. Choe, J. Jeong and J.Y. Nam, Blocking effect reduction of compressed images using classification-based constrained optimization (10) 869-877

Kim, W.-J., J.-W. Yi and S.-D. Kim, Quality scalable coding of selected region: Its modeling and H.263-based implementation (3) 181-188

Koenen, R., Profiles and levels in MPEG-4: Approach and overview (4-5) 463-478

Kossentini, F., see G. Côté (1-2) 25-34

Kunz, O., see K. Brandenburg (4-5) 423-444

Kuo, C.-C.J., see H. Song (1-2) 127-148

Kuosmanen, P., see M. Helsingius (6) 513-529

Lagendijk, R.L., E.D. Frimout and **J. Biemond**, Low-complexity rate-distortion optimal transcoding of MPEG I-frames (6) 531–544

Le Léannec, F., F. Toutain and C. Guillemot, Packet loss resilient MPEG-4 compliant video coding for the Internet (1-2) 5-56

Lee, J., see J. Chung (7-8) 665-684

Lee, S.-H., see S.-H. Son (7-8) 619-629

Lee, W.S., see M.R. Frater (7-8) 631-641

Lee, Y., see E.D. Scheirer (4-5) 445-461

Leonardi, R., see L. Bertoglio (1-2) 149-164

Liao, S.J., see C.Y. Wang (10) 879-890

Link, M., see U. Horn (1-2) 77-94

Loványi, I., see A. Czihó (6) 545-558

Ma, K.-K. and S. Zhu, Fundamental error analysis and geometric interpretation for block truncation coding techniques (10) 859–867

Marqués, F., see P. Nunes (7-8) 585-599

Meier, F.W., G.M. Schuster and A.K. Katsaggelos, A mathematical model for shape coding with B-splines (7-8) 685-701

Meyer, F., see A. Averbuch (3) 231-254

Mian, G.A., see G. Bologna (10) 891-906

Migliorati, P., see L. Bertoglio (1-2) 149-164

Moon, J., see J. Chung (7-8) 665-684

Nam, J.Y., see T.K. Kim (10) 869-877

Nunes, P., F. Marqués, F. Pereira and A. Gasull, A contourbased approach to binary shape coding using a multiple grid chain code (7-8) 585-599

Ohm, J.-R., see E. Izquierdo (10) 817-858 Ostermann, J., see A.M. Tekalp (4-5) 387-421

Paik, J.K., see T.K. Kim (10) 869-877

Park, H.W. see S.S. Kim (3) 189-199

Parthasarathy, K., see H. Radha (1-2) 95-126

Pereira, F., Editorial: Tutorial Issue on the MPEG-4 standard (4-5) 269-270

Pereira, F., MPEG-4: Why, what, how and when? (4-5) 271-279

Pereira, F., see P. Nunes (7-8) 585-599

Pickering, M., see M.R. Frater (7-8) 631-641

Ploix, A. and B. Vigouroux, Image sequence compression using adapted three-dimensional transform: Application to scintigraphic images (3) 255-263

Ra, J.B., see B.C. Song (9) 799-810

Radha, H., Y. Chen, K. Parthasarathy and R. Cohen, Scalable Internet video using MPEG-4 (1-2) 95-126

Rajan, G., see O. Avaro (4-5) 281-298

Rinaldo, R., see G. Bologna (10) 891-906

Roh, B., see T. Kim (6) 479–492

Roux, C., see A. Czihó (6) 545-558

Rutkowski, L., see R. Cierniak (6) 559-565

Sankur, B., see Y. Yemez (9) 729-766

Sarafidis, I., see K.I. Diamantaras (9) 811-815

Scheirer, E.D., Y. Lee and J.-W. Yang, Synthetic and SNHC audio in MPEG-4 (4-5) 445-461

Schuster, G.M., see F.W. Meier (7-8) 685-701

Seo, Y.-S., see **S.-H. Son** (7-8) 619-629

Shin, J.-S., see S.-H. Son (7-8) 619-629

Signès, J., Y. Fisher and A. Eleftheriadis, MPEG-4's binary format for scene description (4-5) 321-345

Solaiman, B., see A. Czihó (6) 545-558

Son, S.-H., E.S. Jang, S.-H. Lee, D.-S. Cho, J.-S. Shin and Y.-S. Seo, Scan interleaving based scalable binary shape coding (7-8) 619-629

Song, B.C. and J.B. Ra, A fast multi-resolution block matching algorithm for motion estimation (9) 799-810

Song, H., J. Kim and C.-C.J. Kuo, Real-time encoding frame rate control for H.263 + video over the Internet (1-2) 127-148

Strintzis, M.G., see K.I. Diamantaras (9) 811-815

Stuhlmüller, K., see U. Horn (1-2) 77-94

Sugiyama, A., see K. Brandenburg (4-5) 423-444

Tekalp, A.M., Editorial: Image Communication in the New Millennium (3) 179-180

Tekalp, A.M. and **M.R. Civanlar,** Editorial: Real-time Video over the Internet (1-2) 1-5

Tekalp, A.M. and **M.R. Civanlar,** Erratum to "Editorial: Realtime Video over the Internet" (3) 265-266

Tekalp, A.M. and **J. Ostermann**, Face and 2-D mesh animation in MPEG-4 (4-5) 387-421

Toutain, F., see F. Le Léannec (1-2) 35-56

Tsai, W.-H., see J.C.-Y. Yang (9) 781-797

Vigouroux, B., see A. Ploix (3) 255-263

Wang, C.Y., S.J. Liao and L.W. Chang, Wavelet image coding using variable blocksize vector quantization with optimal quadtree segmentation (10) 879-890

Wang, L., Rate control for MPEG video coding (6) 493-511 Wang, Z., D. Zhang and Y. Yu, Hybrid image coding based on partial fractal mapping (9) 767-779

Ward, L., see O. Avaro (4-5) 281-298

Won, C.S., see T.K. Kim (10) 869-877

Wu, M.-J., see P.-R. Chang (9) 705-727

Xu, W., J. Hagenauer and J. Hollmann, Joint source and channel decoding of compressed still images (3) 217-229

Yang, J.-W., see E.D. Scheirer (4-5) 445-461

Yang, J.C.-Y. and W.-H. Tsai, Document image segmentation and quality improvement by moiré pattern analysis (9) 781-797

Yemez, Y., B. Sankur and E. Anarım, A quadratic motion-based object-oriented video codec (9) 729-766

Yi, J.-W., see W.-J. Kim (3) 181-188

Yoo, K.-y. and J.-k. Kim, New motion estimation and compensation algorithms for video compression combining global and local motions (3) 201-216

Yu, Y., see Z. Wang (9) 767-779

Zhang, D., see **Z. Wang** (9) 767–779 **Zhu, S.,** see **K.-K. Ma** (10) 859–867

